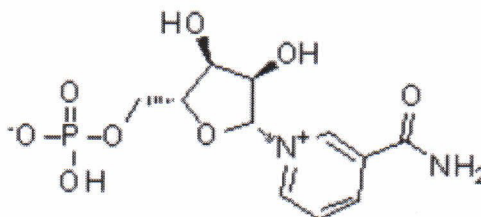




Batch no 24011801
Mf date Jan 18 2024
Retest Jan 17 2027

Molecular Structure



Molecular Formula $C_{11}H_{15}N_2O_8P$

Molecular Weight 334.22

CAS Registry Number 1094-61-7

Mar 18 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to yellowish crystalline powder	Conforms
Identification	IR, HPLC	Positive
Water	$\leq 2.0\%$	0.12%
Heavy metals	Pb ≤ 0.5 ppm	0.002 ppm
	As ≤ 0.5 ppm	0.002 ppm
	Hg ≤ 0.1 ppm	ND
	Cs ≤ 0.5 ppm	ND
	Microbial limit	Total microbial count ≤ 750 CFU/gr
	Coliform Negative	Conforms
	Yeasts molds < 100 CFU/gr	Conforms
Residual solvents	Ethanol ≤ 5000 ppm	212 ppm
PSD	95% pass through 40 mesh screen	Conforms
Purity	$\geq 98.0\%$	99.8%
Assay	$\geq 98.0\%$	99.4%

Packaging & storage	Store in well closed container at room temperature, away from light.
Conclusion	Material complies with in-house standard.